ABSTRACT OF THE DISCLOSURE

A quality of service (QoS) station is disclosed containing a point coordinator (PC) for a basic service set (BSS) in a wireless LAN. The PC station includes a QoS management entity (QME) and an admission control entity (ACE). The QME receives at least one end-to-end QoS message that characterizes a user application, such as a voice call, a video call, a data call and a multimedia call. The at least one end-to-end QoS message includes at least one QoS parameter set that is expressed at layer 3 and higher of an ISO/IEC basic reference model of Open Systems Interconnection (OSI) (ISO/IEC 7498-1) and is to be passed down to layer 2 of the PC-station for enabling QoS traffic transport of the application. The ACE performs an admission control decision relating to the application based on the at least one end-to-end QoS message characterizing the application. The ACE reserves a resource based on a QoS parameter set contained in the end-to-end QoS message. The ACE can be part of the QME and can include a resource control module that performs at least one admission control decision based on resource permission, and a policy control module that performs at least one admission control decision based on policy permission.